

Datasheet

FP735Si Electronic 3-channel Programmer for Heating and Hot Water with Service Interval Timer

Features



- 24 Hours / 5-2 Day / 7 Day Programming
- Factory Set Clock
- Automatic Summer/Winter Time Change
- Backlit Display
- Holiday Function
- Industry Standard Wallplate
- Optional Service Interval Timer

FP735Si Programmer is a three channel programmer providing outputs for controlling ON and OFF periods for room heating and hot water. Each output channel can operate independently of the others, having its own separate timing.

FP735Si is fully Part L compliant, and provides a single unit solution to fulfill the requirements for controlling a Hot Water zone together with two Room Heating zones.

FP735Si offers up to six "ON-to-OFF" or "OFF-to-ON" changes each day. Independently set for each zone.

Programming Modes

Several programming modes are available for selecting "ON" and "OFF" periods that completely suit the domestic needs. 7 day mode allows each day to be programmed individually. 5 day/2 day mode allows different "ON" and "OFF" periods to be set for the weekend.

Holiday

The FP735Si allows the user to switch off the Hot Water and the Heating for a programmed holiday period. When the end of holiday date has been reached, the Hot Water and Room Heating will return to normal operation settings.

Info

An information key allows quick viewing of product model number, software revision number, holiday end date, and service due date.

Move to Next Event

By a single key press, the user can force the programmer to immediately move to the next "ON-to-OFF" or "OFF-to-ON" event. Again, this is made independently for the individual Room Heating or the Hot Water zone.

+ Hour Override

FP735Si provides the user the ability to override the running program. By pressing a key the user can extend a current "ON" time by 1, 2, or 3 hours. Or switch on the selected channel, when an "OFF" period is active.

Service Interval Timer

The service interval timer allows the installer to select a service due date for the boiler, this can be set at between 28 days and 366 days from the current date.

Service due date is within 28 days

From 28 days prior to the service due date, a visual warning will appear in the display and a buzzer will sound for 30 seconds each hour commencing at midday. This can be cancelled for the current day by pressing any button.

Service due date is reached or passed

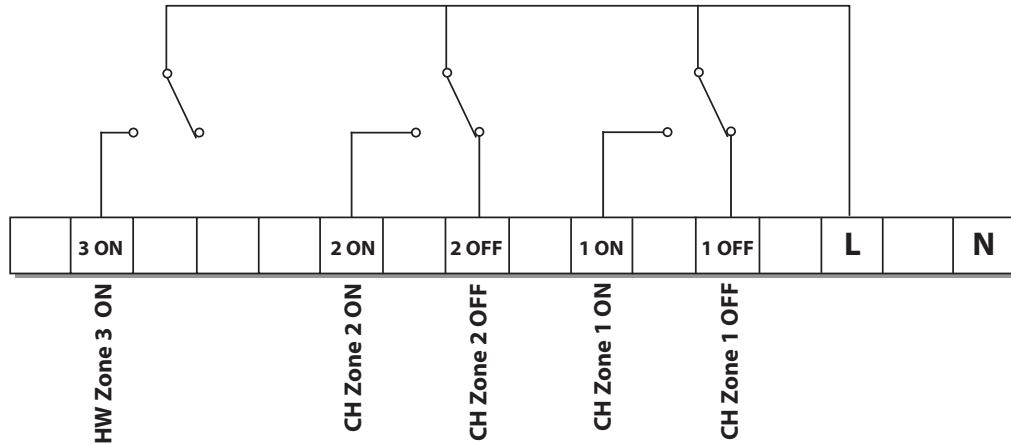
When the service due date is reached the visual and audible warning are repeated each hour of the day commencing at midday, but the duration of the alarm is increased to 60 seconds, this can be cancelled for the current day by pressing any button.

All override and programming buttons are disabled and depending upon service interval timer setting, heating can be restricted to 15, 30 or 45 minutes in each programmed hour.

Option	Service Interval Timer Function
Setting 0	Disable (factory default)
Setting 1	Active, visual and audible warning, no heat reduction
Setting 2	Active, visual and audible warning, heat reduced to 45 minutes per hour
Setting 3	Active, visual and audible warning, heat reduced to 30 minutes per hour
Setting 4	Active, visual and audible warning, heat reduced to 15 minutes per hour
Setting 5	Active, visual and audible warning, heat reduced to 0 minutes per hour

Specification

Features	FP735Si
Order codes	087N789000
Factory set calendar clock	•
Automatic summer/winter time change	•
Fully independent Hot Water and Room Heating times	•
Room heating and hot water ON/OFF changes	up to 6 per day per zone
Selectable 7 day, 5/2 day or 24 hour operating mode	•
+1, +2, +3 hour hot water and/or room heating override	•
Move to next event	•
Holiday mode	•
Optional service interval operation	•
Power supply	230Vac, 50 Hz
Switching action of output relay	2 x SPDT, 1 x SPST, type 1B
Switch rating of relay contact	3 x 3(1) A, 10-230 Volts
Rated impulse voltage	2.5 kV
Dimensions (mm)	140 wide x 91 high x 28 deep
Ball pressure test	75°C
Temperature range	5-30°C
Design standard	EN 60730-2-7
Control pollution situation	Degree 2
Memory backup	Retained for the life of the product
Time accuracy	+/- 1 minute per month

Wiring Details


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